

Abstract of the Disclosure

A base station controller in IMT-2000 system is disclosed. The base station controller includes a local routing unit for interfacing the BTS with the MSC, for processing a call and a No. 5 7 signal and for providing alarms occurred in the BSC to the BSM; a vocoding unit for vocoding voice data received through the local routing unit; a global routing unit for interfacing among the local router, other local routers and the BSM; and a clock generating 10 unit for clocks necessary for controlling the BTS and the BSM based on time and frequency clocks received from a global positioning system (GPS).